

What is claimed is:

1. A dental tray adapted to receive a dental impression material thereon, comprising:
a base having a plurality of prongs, the base having one or more openings to allow flowing of the dental impression material;
a first wall extending from one side of the base, the first wall having one or more openings to allow flowing of the dental impression material; and at least one detachable portion formed on one end of one prong, the detachable portion being removable to shorten the prong length.
2. The dental tray of claim 1, wherein the detachable portion comprises curved corners.
3. The dental tray of claim 1, wherein the first wall comprises a curved edge.
4. The dental tray of claim 1, wherein the first wall has a fixed wall length.
5. The dental tray of claim 1, wherein the first wall has a variable wall length.
6. The dental tray of claim 1, wherein the first wall openings have variable lengths.
7. The dental tray of claim 1, further comprising a second wall extending from the other side of the base, the second wall having openings there through.
8. The dental tray of claim 7, wherein the second wall has a variable wall length and the second wall openings have variable lengths.
9. The dental tray of claim 1, further comprising a containing a radiopaque material.
10. The dental tray of claim 1, further comprising an arcuate portion interconnecting the plurality of prongs.

11. The dental tray of claim 10, wherein the arcuate portion comprises one or more openings.
12. The dental tray of claim 1, wherein the tray is adapted to be positioned in a radiographic scanner.
13. A system to capture upper and lower dental impressions of a patient, comprising:
- an upper dental tray adapted to receive a dental impression material thereon, including:
 - a base having a plurality of prongs, the base having one or more openings to allow flowing of the dental impression material;
 - first and second walls extending from both sides of the base, the walls having one or more openings to allow flowing of the dental impression material;
 - a lower dental tray adapted to receive a dental impression material thereon, including:
 - a lower base having a plurality of prongs, the lower base having one or more openings to allow flowing of the dental impression material;
 - a lower wall extending from one side of the base, the lower wall having one or more openings to allow flowing of the dental impression material;
 - an arcuate portion interconnecting the plurality of lower prongs; and at least one detachable portion formed on at least one end of one prong, the detachable portion being removable to shorten the prong length.

14. The system of claim 13, wherein the base and walls contain a radiopaque material.
15. The system of claim 13, wherein at least one wall has a fixed wall length.
16. The system of claim 13, wherein at least one wall has a variable wall length.
17. The system of claim 13, wherein the openings are variable in length.
18. A dental impression system, comprising:
 - a dental tray containing a radiopaque material adapted to receive a dental impression material thereon, including:
 - a base having a plurality of prongs, the base having one or more openings to allow flowing of the dental impression material;
 - a wall extending from one side of the base, the wall having one or more openings to allow flowing of the dental impression material; and
 - a container to house the radiographic tray, the container and the dental tray being adapted to be scanned by a radiographic scanner.
19. The system of claim 18, wherein the radiographic scanner comprises
 - a radiation source;
 - a scintillator to receive the radiation from the radiation source;
 - a radiation detector coupled to the scintillator; and
 - a rotatable table positioned between the radiation source and the scintillator, the table being adapted to support the container.

20. The system of claim 18, further comprising a computer coupled to the detector to generate the digital model with scanned data.
21. The system of claim 18, further comprising an impression material having a radiopaque material.
22. The system of claim 21, wherein the radiopaque material is incorporated into the dental impression material for full arch, dual arch, single arch, partial arch, or bite relationship capture.
23. The system of claim 21, wherein the dental impression includes one of the following: polyvinylsiloxane (PVS), alginate, polysulfide, acrylic, hydrocolloid, polyether and bite registration paste.
24. The system of claim 21, wherein the radiopaque material comprises a spray, a dip, or a powder layer used to coat surface of the impression material in order to make the surface more visible to the scanner after the impression has been captured.